



**STEEL
ROLLING**

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THE MOESCHL-EDWARDS CORRUGATING CO.
CINCINNATI P. O. BOX 709 OHIO

MECCO ROLLING DOORS

DESIGN Mecco rolling doors and shutters are the product of many years of practical experience manufacturing doors of various types. Incorporated in the design of Mecco doors are several exclusive features and ingenious design that add not only to the ease of erection, but also result in operating economy, efficiency and reliability of these doors and extremely low cost of maintenance.

MANUFACTURE Mecco rolling steel doors are manufactured in a modern factory, equipped with the most modern machinery and an unusually large number of special jigs and dies, which make for uniformity of the manufactured product. Rolling doors also supplied of Bronze, Aluminum and Stainless Steel. Large or small orders receive the same careful attention to detail as is required to produce a product first in quality and workmanship.

INSTALLATION Mecco rolling steel doors may be installed using such local labor as is available. In the design several features have been included which makes the installation of these doors not only relatively simple, but in fact makes it difficult to get the curtains out of alignment, a most common fault heretofore found in rolling steel doors (see page 9).

MAINTENANCE The upkeep on Mecco rolling steel doors is extremely low. This is primarily due to the superior quality of material used in their construction, and the care exercised in the assembly of various units. Each door is built to meet individual requirements, and many are still in excellent operating condition after fifteen to eighteen years. In case of accidental damage replacement parts are available at reasonable prices.



TWO TYPES OF DOORS



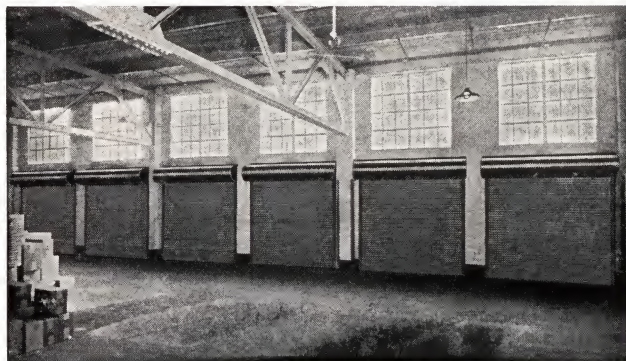
ADAPTABLE TO EVERY REQUIREMENT

Service or Commercial Doors

(Non-labeled) Mecco Rolling Steel Doors and Shutters are manufactured and sold under two distinct classifications. Service or Commercial Doors are designed primarily for the closure of opening. This type of door is manufactured without the limitations surrounding an Underwriters' Labeled Door and can be adapted to almost any type opening. Because of the various types of operation, these doors are adaptable for openings in every conceivable kind of a building and will render dependable, permanent, economic and long lasting service. If your door problem cannot be solved from the following pages, write us, sending us your data. We will be glad to assist you.

Underwriters' Labeled Doors

(Fire Doors) Doors bearing the National Board of Underwriters' labels, are manufactured and installed primarily for fire protection. However, they have all of the desirable features of the Service or Non-Labeled types, serving as a closure for openings, and automatic doors are operated independent of the automatic closing devices that are thermally controlled. With certain limitations that are given in detail on page 6, these doors are manufactured for various types of operation and labeled for all classes of openings. The cost of an installation of Mecco Underwriters' Labeled Doors is often paid for in a year or two by the saving on insurance alone, and, in addition, when once installed serve as a permanent, ever vigilant fire stop.



SERVICE DOORS

COMMERCIAL NON-LABELED DOORS

Type No.	Mounting	Operated by	Type No.	Mounting	Operated by
2	Face of wall	Manual	8	Between jambs	Chain
4	Between jambs	Manual	10	Face of wall	Crank
6	Face of wall	Chain	14	Face of wall (large size openings)	Chain
*7	Face of wall	Chain	*15	Face of wall (large size openings)	Chain

*Mounted face of wall and operated from opposite side of wall.

SPECIFICATIONS

TYPES NO. 2 AND 4

Curtain—To be formed of interlocking slats of No. 22, 20, or 18 U. S. Gauge Copper Bearing Steel, galvanized by the hot process, approximately $1\frac{1}{8}$ in. center to center with $\frac{1}{8}$ -in. depth of crown. The ends of each alternate slat to be fitted with a malleable reinforcement to prevent lateral movement and to serve as wearing surfaces in the guides. The upper edge of curtain to be attached to the spiral rings on shaft by bolts and the lower edge to bottom bar by rivets or welding.

Operation—By handle on bottom bar.

Bottom Bar—To consist of one steel angle $2 \times 2 \times \frac{1}{8}$ in.

Barrel—Steel pipe or tube with ends enclosed by cast iron collars with ball bearings and journaled on steel spindles of suitable diameter. Barrel shall be equipped with cast iron wheels of proper diameter to maintain a correct counterbalance.

TYPES NO. 6, 7, 8, 10, 14, 15

Curtain—To be formed of interlocking slats of No. 22, 20, or 18 U. S. Gauge Copper Bearing Steel, galvanized by the hot or electro process, approximately $1\frac{1}{8}$ in. center to center with $\frac{1}{8}$ -in. depth of crown, for doors not wider than 13 ft.—with slats of No. 20, 18 or 16 gauge copper bearing steel, approximately $2\frac{3}{4}$ in. center to center with $\frac{1}{8}$ -in. depth of crown for doors wider than 13 ft. The ends of each alternate slat to be fitted with malleable reinforcement to prevent lateral movement and to serve as wearing surface in the guides. The upper edge of curtain to be attached to the spiral rings on shaft by bolts and the lower edge to bottom bar by rivets or welding.

Operation—By endless galvanized chain, sprocket and gear, or crank and gear.

Bottom Bar—To consist of one steel angle $2 \times 2 \times \frac{1}{8}$ in. with reinforcing angle $2 \times 1\frac{1}{2} \times \frac{1}{8}$ in. on openings wider than 15 ft. 0 in.

Barrel—Steel pipe or tube with ends enclosed by cast iron collars with Hyatt roller or ball bearings journaled on steel spindles at each end and supported by bosses cast on brackets. Barrel shall be equipped with cast iron wheels of proper diameter to maintain a correct counterbalance.

SPECIFICATIONS APPLYING TO ALL TYPES

Counterbalance—To consist of helical oil tempered steel springs, enclosed within a barrel and anchored to spindle. A charging ratchet for adjusting spring shall be attached to spindle.

Brackets—High grade gray iron, web not less than $\frac{3}{8}$ in. and attached direct to guides.

Guides—To be composed of three angles of $\frac{1}{8}$ -in. steel securely riveted together to form a channel groove not less than $1\frac{1}{2}$ in. deep.

Painting—All parts to receive one shop coat metallic paint.

All doors shall be as manufactured by the MOESCHL-EDWARDS CORRUGATING Co. of Cincinnati, Ohio.



Port of Stockton, Calif.

UNDERWRITERS LABELED DOORS

UNDERWRITERS CLASSIFICATION

Openings in Interior Walls—Class A—Fire Wall

For full protection openings should have curtains both sides of wall. Underwriters will give limited credit for one door. They may be hung on the face of the wall or in opening. All Class A doors are automatic closing. Operation may be either manual or mechanical. See list for numbers to specify.

Vertical Shafts, Corridors and Room Partitions—Class B and C

They may be hung on the face of the wall or in opening. Operation may be either manual or mechanical. Doors are made automatic closing when required. See list for numbers to specify.

Openings in Exterior Walls—Class D

Operation may be either manual or mechanical. Doors may be mounted on face of wall or in opening. Doors are supplied with automatic closing device when required. See list for numbers to specify.

Size Limit

Size limit for label is 24 ft. 0 in. x 24 ft. 0 in. on all openings except exterior window shutters on which it is 15 ft. 0 in. x 15 ft. 0 in. Regular labels will be used on sizes within limit of 80 sq. ft. on interior openings or 100 sq. ft. on exterior openings. A label designated as "Label for oversize openings" used on larger openings within extreme limits.

APPROVED TYPES



Type No.	Operation	Location	Operated by
Fire Wall Doors—Class A			
100	Automatic	Face of wall	Handles
102	Automatic	Face of wall	Crank
103	Automatic	Face of wall	Chain
104	Automatic	In opening*	Handles
106	Automatic	In opening*	Crank
107	Automatic	In opening*	Chain
Doors for Vertical Shaft, Corridor and Room Partitions—Class B-C			
200	Automatic	Face of wall	Handles
202	Non-automatic	Face of wall	Handles
204	Non-automatic	Face of wall	Chain
205	Automatic	Face of wall	Chain
206	Automatic	Face of wall	Crank
208	Non-automatic	Face of wall	Crank
210	Automatic	In opening*	Handles
212	Non-automatic	In opening*	Handles
214	Non-automatic	In opening*	Chain
215	Automatic	In opening*	Chain
216	Automatic	In opening*	Chain
218	Non-automatic	In opening*	Crank
Doors and Shutters for Exterior Openings—Class D			
300	Automatic	Face of wall	Handles
302	Non-automatic	Face of wall	Handles
304	Non-automatic	Face of wall	Chain
305	Automatic	Face of wall	Chain
306	Automatic	Face of wall	Crank
308	Non-automatic	Face of wall	Crank
310	Automatic	In opening*	Handles
312	Non-automatic	In opening*	Handles
314	Non-automatic	In opening*	Chain
315	Automatic	In opening*	Chain
316	Automatic	In opening*	Chain
318	Non-automatic	In opening*	Crank

*"In opening" refers to doors with coil under lintel.

SPECIFICATIONS

Openings shall be equipped with steel rolling doors of interlocking slat type as manufactured by the MOESCHL-EDWARDS COMPANY, INC., of Cincinnati, Ohio. Doors to be constructed in accordance with the following specifications:

Curtain—To be formed of interlocking slats of galvanized copper bearing steel of gauge required by Underwriters' Laboratories, Inc., the ends of each slat to be fitted with a malleable reinforcement to prevent lateral movement and to serve as wearing surfaces in the guides. The upper edge of curtain to be attached to the spiral rings on shaft by stove bolts and the lower edge to bottom bar by rivets.

Hood—To be formed from 24-gauge hot galvanized sheet steel, with automatic flame stop attached when required.

Counterbalance—To consist of helical oil tempered steel spring enclosed within a barrel and anchored to spindle.

Operation—Handles on bottom bar, chain and gear or crank and shaft.

Brackets—High grade gray iron, web not less than $\frac{3}{8}$ in. and attached direct to guides.

Bottom Bar—To consist of steel angle of proper dimensions for reinforcing bottom of curtain.

Barrel—Steel tube with ends enclosed by cast collars fitted with ball or roller bearings, and journaled on steel shafting of suitable diameter and supported by flanges cast on or applied to brackets. Barrel shall be equipped with cast iron rings of proper diameter to maintain a correct counterbalance.

Guides—To be composed of three angles or two $\frac{1}{4}$ -in. steel plates securely riveted together to form a channel groove not less than 2 in. deep, proper depth to be determined by width of opening, arranged for expansion at all rivet and bolt connections.

Paintings—All parts to receive one shop coat of paint.

To the specifications add the following paragraphs to cover type required:

Type No. 100

Location—Doors to be hung on face of wall; brackets and guides so placed that clear height and width of openings will be maintained, except where structural conditions of the building prevent.

Operation—By handle on bottom bar.

Label—For fire wall opening.

Types Nos. 200 and 202

Location—Same as No. 100.

Operation—Same as No. 100.

Label—For vertical shaft, corridor or room partition as required.

Types Nos. 300 and 302

Location—Same as No. 100.

Operation—Same as No. 100.

Label—For exterior opening.

Type No. 103

Location—Doors to be mounted face of wall; brackets and guides so placed as to provide a clear unobstructed opening.

Operation—Chain and gear.

Label—For fire wall opening.

Types Nos. 204 and 205

Location—Same as No. 103.

Operation—Same as No. 103.

Label—For vertical shaft, corridor or room partition.

Types Nos. 304 and 305

Location—Same as No. 103.

Operation—Same as No. 103.

Label—For exterior opening.

Type No. 102

Location—Doors to be hung on face of wall; brackets at guides so placed that clear height and width of openings will be maintained, except where structural conditions of the buildings prevent.

Operation—By crank and gear.

Label—For fire wall opening.

Types Nos. 206 and 208

Location—Same as No. 102.

Operation—Same as No. 102.

Label—For vertical shaft, corridor or room partition as required.

Types Nos. 306 and 308

Location—Same as No. 102.

Operation—Same as No. 102.

Label—For exterior opening.

Type No. 104

Location—Doors to be hung under lintel, brackets also to be placed under lintel. Guides to attached to the face of the wall. All as indicated by detail.

Operation—To be by handle on bottom bar.

Label—For fire wall opening.

Types Nos. 210 and 212

Location—Same as No. 104.

Operation—Same as No. 104.

Label—For vertical shaft, corridor or room partition as required.

Types Nos. 310 and 312

Location—Same as No. 104.

Operation—Same as No. 104.

Label—For exterior opening.

AUTOMATIC CLOSING LABELED DOORS

HAND LIFT

TYPE
100, 200, 300

Manually operated by handle on the bottom bar.

Mounted on the face of the wall.

Automatic closing with fusible links.

May be operated from both sides of the opening.

No. 100 Labeled A
No. 200 Labeled B or C
No. 300 Labeled D

TYPE
104, 210, 310

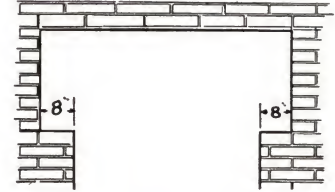
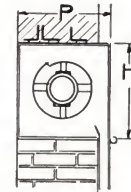
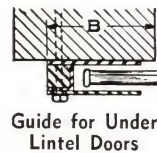
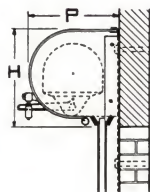
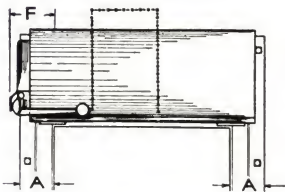
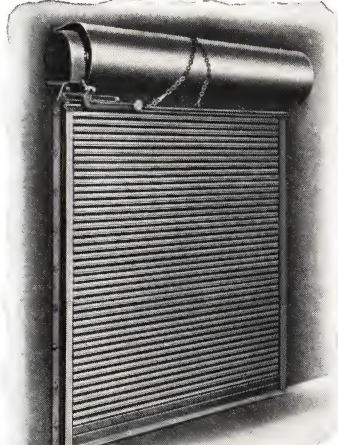
Manually operated by handle on bottom bar.

Mounted under lintel with guides on face of wall.

Operated from both sides of opening.

Automatic closing with fusible links.

No. 104 Labeled A
No. 210 Labeled B or C
No. 310 Labeled D



Opening width, ft.	A, in.	F, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	6 $\frac{3}{8}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	7 $\frac{1}{8}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	7 $\frac{5}{8}$	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	8 $\frac{1}{8}$	12	14 $\frac{1}{2}$	14

Opening width, ft.	A, in.	Opening height, ft.	H, in.	P, in.
6	4	6	12	13
8	4 $\frac{1}{2}$	8	13	13
10	4 $\frac{1}{2}$	9	13	13
12	5	10	13	13
		12	15	15

MECHANICALLY OPERATED CHAIN AND GEAR TYPE

103, 205, 305

These types are mechanically operated by chain sprocket and gear.

Automatic closing with fusible links.

Mounted on the face of the wall.

Operation from chain side only.

No. 103 Labeled A
No. 205 Labeled B or C
No. 305 Labeled D

CRANK AND GEAR TYPE

102, 206, 306

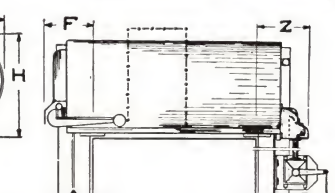
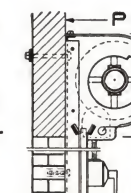
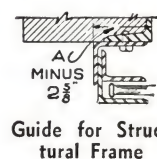
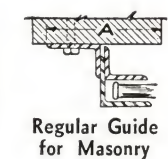
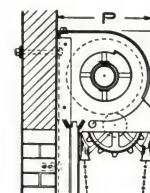
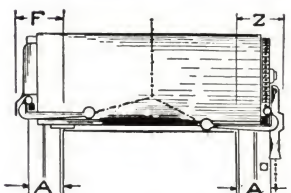
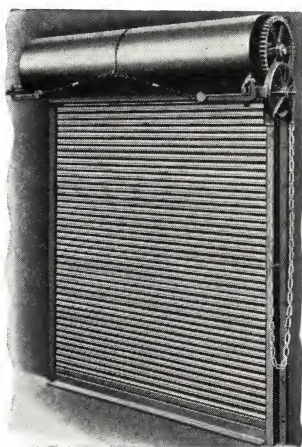
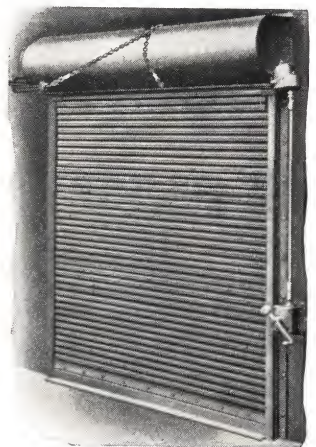
Mechanically operated by crank and gear.

Mounted on face of wall.

Automatic closing with fusible links.

May be operated from one or both sides of the opening.

No. 102 Labeled A
No. 206 Labeled B or C
No. 306 Labeled D



Opening width, ft.	A, in.	Z, in.	F, in.	O, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	11	6 $\frac{3}{8}$	19 $\frac{1}{8}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	11 $\frac{3}{4}$	7 $\frac{1}{8}$	19 $\frac{7}{8}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	12 $\frac{1}{4}$	7 $\frac{5}{8}$	20 $\frac{3}{8}$	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	12 $\frac{3}{4}$	8 $\frac{1}{8}$	21 $\frac{7}{8}$	12	15 $\frac{1}{2}$	15
					14	15 $\frac{1}{2}$	15
					16	16 $\frac{1}{2}$	16

Opening width, ft.	A, in.	Z, in.	F, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	8 $\frac{3}{4}$	6 $\frac{3}{8}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	9 $\frac{1}{2}$	7 $\frac{1}{8}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	10	7 $\frac{5}{8}$	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	10 $\frac{1}{2}$	8 $\frac{1}{8}$	12	15 $\frac{1}{2}$	15
				14	15 $\frac{1}{2}$	15
				16	16 $\frac{1}{2}$	16

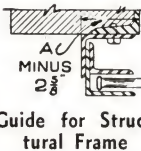
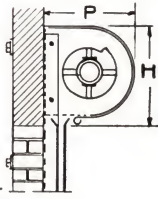
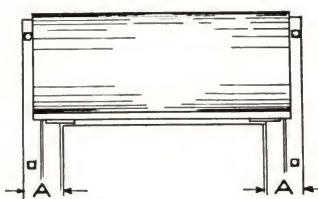
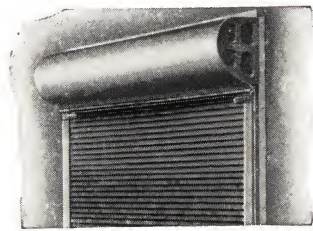
NON-AUTOMATIC LABELED DOORS

HAND LIFT

TYPE 202-302

Manually operated by handle on bottom bar. Mounted on face of wall. May be operated from both sides of opening.

No. 202 Labeled B or C
No. 302 Labeled D

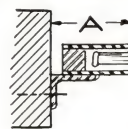
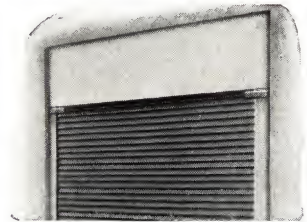


Opening width, ft.	A, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	12	14 $\frac{1}{2}$	14

TYPE 212-312

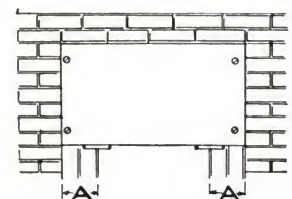
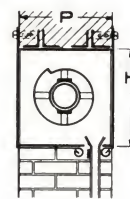
Manually operated by handle on bottom bar. Mounted under lintel. Guides are mounted between jambs. Should not be used on openings over 10 ft. x 9 ft. 6 in.

No. 212 Labeled B or C
No. 312 Labeled D



Guide for Mounting Between Walls

Note: "A" space greater on charging disc end than plain end (see below).



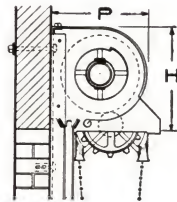
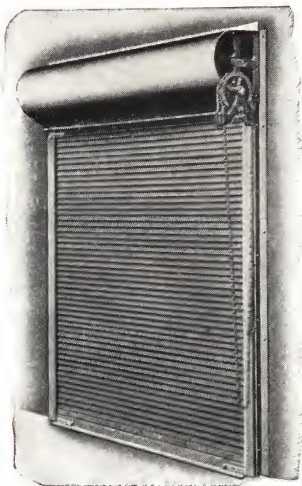
Opening width, ft.	A Plain end	A Charging disc end	Opening height, ft.	H, in.	P, in.
6	4 $\frac{1}{2}$	6 $\frac{1}{2}$	6	12	13
8	5	7	8	13	13
10	5 $\frac{1}{2}$	7 $\frac{1}{2}$	9	13	13
12	6	8	10	13	13

MECHANICALLY OPERATED CHAIN AND GEAR TYPE

204-304

Mechanically operated by chain and gear. Mounted on face of wall. Operation from chain side only.

No. 204 Labeled B or C
No. 304 Labeled D



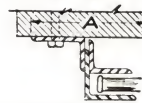
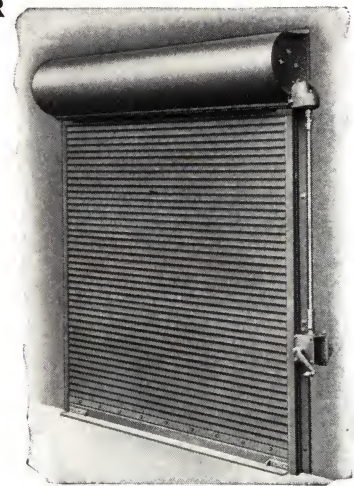
Opening width, ft.	A, in.	Z, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	8 $\frac{3}{4}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	9 $\frac{1}{2}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	10	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	10 $\frac{1}{2}$	12	15 $\frac{1}{2}$	15
			14	15 $\frac{1}{2}$	15
			16	16 $\frac{1}{2}$	16

CRANK AND GEAR TYPE

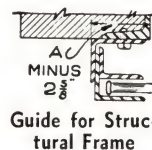
208-308

Crank and gear operated. Used on doors of any dimensions, and may be supplied for operating on one or both sides of the wall—particularly adapted for the latter. Mounted on face of wall.

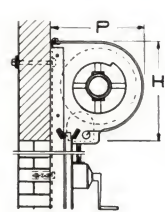
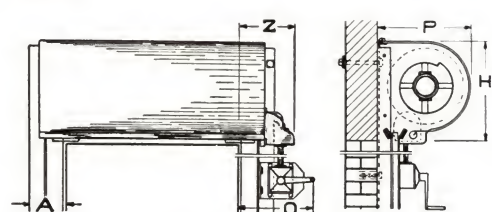
No. 208 Labeled B or C
No. 308 Labeled D



Regular Guide for Masonry



Guide for Structural Frame



Opening width, ft.	A, in.	Z, in.	O, in.	Opening height, ft.	H, in.	P, in.
6	5 $\frac{3}{8}$	11	19 $\frac{1}{8}$	6	12 $\frac{1}{2}$	12
8	6 $\frac{1}{8}$	11 $\frac{3}{4}$	19 $\frac{7}{8}$	8	13 $\frac{1}{2}$	13
10	6 $\frac{5}{8}$	12 $\frac{1}{4}$	20 $\frac{3}{8}$	10	14 $\frac{1}{2}$	14
12	7 $\frac{1}{8}$	12 $\frac{3}{4}$	21 $\frac{7}{8}$	12	15 $\frac{1}{2}$	15
				14	15 $\frac{1}{2}$	15
				16	16 $\frac{1}{2}$	16

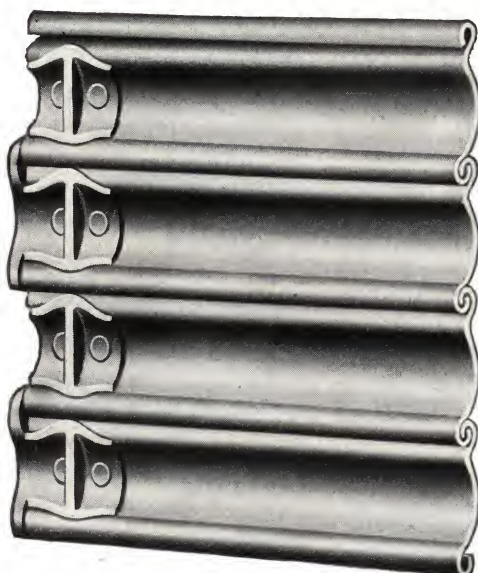
CURTAINS-SLATS-MOUNTINGS

Curtain of all "Mecco" Rolling Doors are made of interlocking slats of galvanized copper bearing open hearth steel—the steel proven to be of greatest rust-resisting properties in tests conducted by the American Society for Testing Materials. Slat are formed by modern rolling machinery in easy curves and bends that insure utmost strength and rigidity.

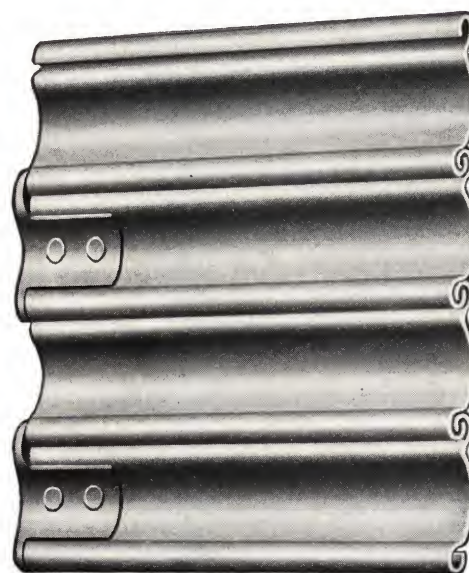
Curtains are hung on shafts provided with roller or ball bearings, thus reducing friction to a minimum. "Mecco" Doors have earned an enviable reputation by their ease of operation.

End Locks

Continuous or alternate malleable iron end locks on curtains prevent lateral movement of the slats, passage of flame at the ends, and provide a wearing surface.



Slat No. 40 with Continuous End Locks

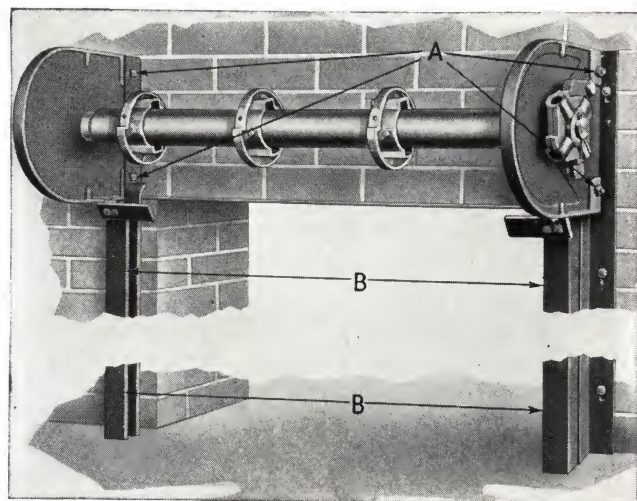


Slat No. 40 with Alternate End Locks

FEATURES OF CONSTRUCTION

BRACKET MOUNTING

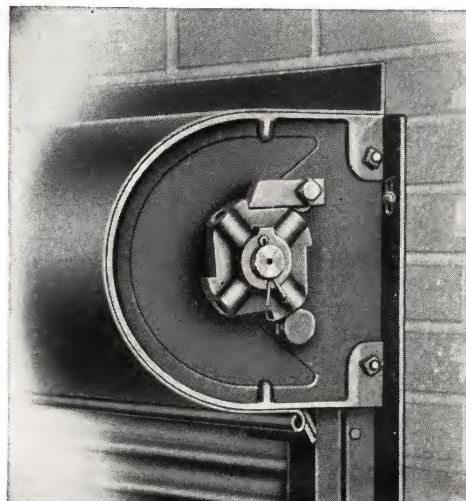
Brackets supporting the shaft are attached direct to the door guides at points "A." This exclusive "MECCO" feature insures perfect alignment of the shaft and curtain by the simple process of spacing the guides equidistant top and bottom as indicated at points "B."



CHARGING DISC

Curtain of rolling doors are counterbalanced by oil-tempered helical springs, adjusted through a charging disc.

The charging disc on Mecco Doors is placed in the most accessible place outside of the bracket.



LOCKS



SLIDE BOLTS

Slide bolts as illustrated are used for locking manual or chain operated doors from interior.

Similar slide bolts with cylinder lock or padlock and operated from exterior can be furnished.

CHAIN AND PADLOCK

Chain operated doors are provided with chain hook (see below) as illustrated for locking from interior.

Chain doors on exterior may be locked by a similar hook and padlock.



SPECIAL TYPES OF ROLLING DOORS

USES NOT GENERALLY KNOWN

Government Maneuver Boats.
Ventilation ducts and wind tunnels.

Enclosing garbage and waste collecting trucks.
Enclosing steam shovels and similar equipment.
Dry Kiln Doors.

PASS OR WICKET DOORS

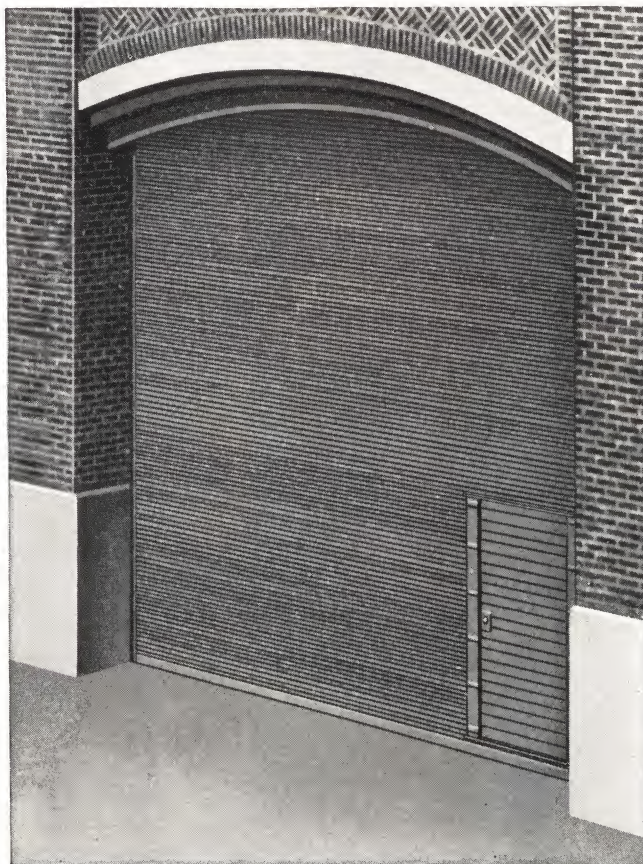
Used where it is desirable to provide a small entrance door in a less frequently used large rolling steel curtain. Pass doors are hinged to a rigid frame and are furnished with bit key locks. They are operated without disturbing the curtain in any way.

When the entire opening is to be made available the pass door frame is released and swung back out of the way.

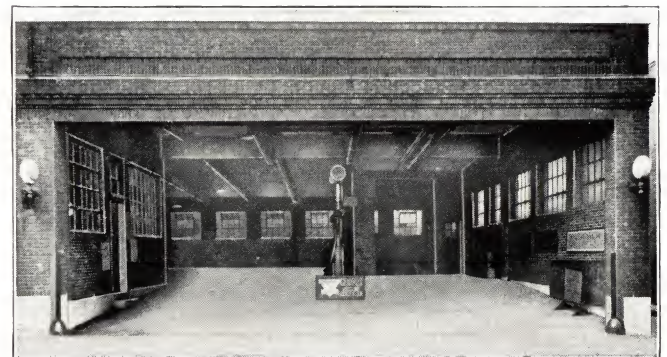
OPENING WITH REMOVABLE POSTS

Posts may be manual or sliding type.

With an installation of this kind a part or all of the opening can be made available if desired. Removable posts are provided and when all curtains are raised and posts removed the entire opening is free of all obstructions. The curtains can be made to be raised individually or as a group. Where two or



more posts are used individual posts can be removed without disturbing the others. Opening and closing of an opening can be done in a surprisingly short time.



ELECTRICAL OPERATION

This type of door is particularly suitable for large entrance and exit doors for garages, track entrances, crane openings and all similar openings where it is necessary or desirable to operate doors electrically from a position close to or remote from the entrance.

The doors are usually provided with a single operating station, although multiple operating stations can be supplied where conditions make it necessary.

If the arrangement illustrated cannot be used, other motor applications to suit conditions can be provided.

ELECTRICAL CONTROL

The electrical control is designed and arranged so that by use of the operating control the door will move in direction indicated and may be stopped and reversed or continued to full limit in either direction where it will be stopped automatically by the limit switches.

EMERGENCY OPERATION

In the event of interrupted power service, the door can be operated manually by hand chain and sprocket. This is accomplished by pulling down on hand chains (shown in illustrations) which automatically engages the chain and gear operator cutting out the electric current and releasing the brake. After emergency operator is engaged as above described, door is then operable by hand chain. When not in use operating chains are held against wall by a chain hook.

EQUIPMENT

Equipment Includes—Motor of sufficient capacity to move curtain in either direction at a speed of about 1 ft. per second. Especially designed to meet requirements of high starting torque and intermittent operation.

Fusible operation switches. Single station magnetic starting switches. Automatic limit switches arranged for universal adjustment and attached to reduction to provide accurate control.

Solenoid brake mounted on motor and shield.

Worm reduction gear with hardened steel cut worms and phosphor bronze gear.

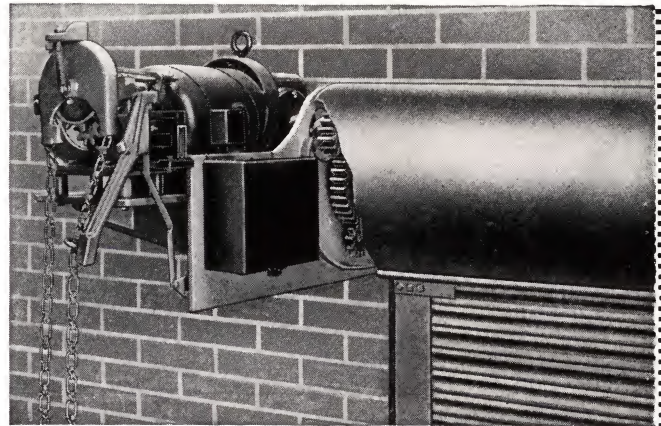
Emergency hand chain operated from floor, automatically engaging chain and gear, cutting out current and releasing brake.

Door brackets designed to carry power unit.

Single enclosed push button control station with up, down and stop control. One station control is standard; additional stations may be added when required.

Wiring diagram.

Equipment Does Not Include: Wires, conduit, service switches, or fuses which are to be installed by others according to diagram furnished.



Typical Installation

PARTIAL LIST OF REPRESENTATIVES

F. A. Flynn.....	P. O. Box 372	Alexandria, La.
C. Y. Schelly & Bro.....	32 North 7th Street	Allentown, Pa.
D. L. Hollowell.....	P. O. Box 1182	Atlanta, Ga.
W. E. Raines Co., Inc.....	S. F. C. Building	Augusta, Ga.
Wm. F. Walker, Jr.....	421 Calvert Building	Baltimore, Md.
C. Y. Cushman.....	25 Roosevelt Avenue	Binghampton, N. Y.
Sherwood A. Moore.....	3113 Third Ave. South	Birmingham, Ala.
Skillman & Sunderland Co.....	1042 Little Building	Boston, Mass.
George Kabureck.....	477 State Street	Bridgeport, Conn.
Eugene F. Lerch.....	259 Delaware Avenue	Buffalo, N. Y.
West Virginia Steel Corp.....	P. O. Box 1501	Charleston, W. Va.
Southern Engineering Co.....	P. O. Box 1087	Charlotte, N. C.
Curran-Andrews Company.....	821 East 11th Street	Chattanooga, Tenn.
Barber-Colman Company.....	221 North LaSalle Street	Chicago, Ill.
The Hausman Steel Company.....	799 West Goodale Street	Columbus, Ohio
O. G. Knoske.....	P. O. Box 113	Cuyahoga Falls, Ohio (Akron)
J. L. O'Hearn.....	630 Wilson Building	Dallas, Tex.
Building Products Co.....	403 South Howell Street	Davenport, Iowa
P. W. Backus Company.....	Box 495	Dayton, Ohio
Ornamental Iron Works Co.....	440 South Franklin Street	Decatur, Ill.
R. T. MacCracken Company.....	1060 Vine Street	Denver, Colo.
Hansen Metalkraft Company.....	3905 Amick Avenue	Des Moines, Iowa
A. L. Oppenheimer.....	2211 Woodward Avenue	Detroit, Mich.
Erie Concrete & Steel Supply Company.....		Erie, Pa.
International Steel Company.....		Evansville, Ind.
Builders Serv. & Equip. Co.....	525 Virginia Avenue	Gary, Ind.
Greene Engr. & Sales Co.....	P. O. Box 569	Goldsboro, N. C.
Charles Vandervelde.....	757 Hawthorne Street, N.E.	Grand Rapids, Mich.
C. H. Herschok.....	1513 North Cameron Street	Harrisburg, Pa.
R. W. Kerr.....	220 So. Burlington Avenue	Hastings, Nebr.
The H. S. Gray Company.....	745 Queen Street	Honolulu, T. H.
Lehman Steel Products Co.....	Merchants & Mfrs. Building	Houston, Tex.
Engineering Metal Prod. Co.....	401 South Harding Street	Indianapolis, Ind.
Meehan Steel Products Company.....		Ironton, Ohio
Builders Products Company.....		Jacksonville, Fla.
G. Edward Riley.....	P. O. Box 3161	Kansas City, Mo.
Howard Stair Company.....	950 Dierks Building	Knoxville, Tenn.
Soulé Steel Company.....	Empire Building	Los Angeles, Cal.
A. P. Montague.....	6200 Wilmington Avenue	Lynchburg, Va.
Lubbock Steel Works, Inc.....	Peoples Bank Building	Lubbock, Tex.
George O. Friedel.....	214 Avenue O	Memphis, Tenn.
Miami Wire & Iron Works.....	Builders Exchange	Miami, Fla.
S. A. Smith.....	225 N. W. First Court	Milwaukee, Wis.
George T. Warner.....	1012 North 3rd Street	Minneapolis, Minn.
T. M. Gorrie.....	126 South 8th Street	Montgomery, Ala.
M. Malcolm MacGregor.....	P. O. Box 441	New York, N. Y.
Hall-Hodges Company.....	103 Park Avenue	Norfolk, Va.
Harding & Lawler.....	Citizens Bank Bldg.	Orange, Tex.
G. A. Clark.....	P. O. Box 588	Peoria, Ill.
Wilkinson Equipment Co.....	522 Central Ntl. Bank Building	Philadelphia, Pa.
Baker-Thomas Company.....	935 South 53rd St.	Phoenix, Ariz.
E. W. Lauschke.....	300 South 12th Street	Pittsburgh, Pa.
Soulé Steel Company.....	207 Fulton Building	Portland, Ore.
Earnest Brothers, Inc.....	1241 Linnton Road	Richmond, Va.
Stone-Tile & Supply Co.....	14 North 7th Street	Roanoke, Va.
Bowerman Builders Service.....	Cleveland Ave. and 18th St.	Rochester, N. Y.
Contractors Supply Agency.....	1307 East Main Street	Rockford, Ill.
Constructor Specialties Co.....	1735 Douglas Street	St. Louis, Mo.
Steel-Engineers Company.....	Louderman Building	Salt Lake City, Utah
San Angelo Bldg. Mat'l Co.....	1526 So. West Temple	San Angelo, Tex.
Jno. W. Phillips Company.....	109-A W. Beauregard Avenue	San Antonio, Tex.
Soulé Steel Company.....	Builders Exchange Building	San Francisco, Cal.
E. W. Newland Company.....	1750 Army Street	South Bend, Ind.
The Hausman Steel Company.....	1401 South Main Street	Toledo, Ohio
Central Texas Iron Wks.....	P. O. Box 416	Waco, Tex.
L. D. Sheffield Company.....	21st and Webster Streets	Warren, Ohio
Capital Products Company.....	517 Atlantic Street, N.E.	Washington, D. C.
Geo. C. Christopher & Son.....	1222 Connecticut Avenue	Wichita, Kan.
Harry W. Poust.....	Blaine near Cleveland	Wilkes-Barre, Pa.
Daniel F. Yost.....	305 Academy Street	Wyomissing (Reading), Pa.
	1234 Dauphin Avenue	

THE MOESCHL-EDWARDS CORRUGATING CO.
 CINCINNATI P. O. BOX 709 OHIO